

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047737.D
 Acq On : 23 Sep 2025 16:34
 Operator : JC/MD
 Sample : Q3097-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20250912

Quant Time: Sep 24 01:35:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.538	168	133765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	281791	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	275514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	141902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	110502	51.898	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.800%			
35) Dibromofluoromethane	5.379	113	91324	48.324	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.640%			
50) Toluene-d8	8.635	98	305233	46.677	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.360%			
62) 4-Bromofluorobenzene	11.067	95	133881	53.946	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	474	0.342	ug/l	89
7) Trichlorofluoromethane	1.898	101	657	0.248	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.337	101	26053	16.839	ug/l	99
12) 1,1-Dichloroethene	2.325	96	11018	6.933	ug/l	94
16) Acetone	2.386	43	4167m	4.501	ug/l	
27) cis-1,2-Dichloroethene	4.489	96	8455	4.035	ug/l	88
29) Tetrahydrofuran	5.013	42	2676	3.852	ug/l #	73
30) Chloroform	5.080	83	1745	0.511	ug/l #	81
44) Trichloroethene	7.111	130	1292636	637.467	ug/l	96
55) 1,1,2-Trichloroethane	9.141	97	999	0.501	ug/l	91
64) Tetrachloroethene	9.257	164	11467	6.385	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

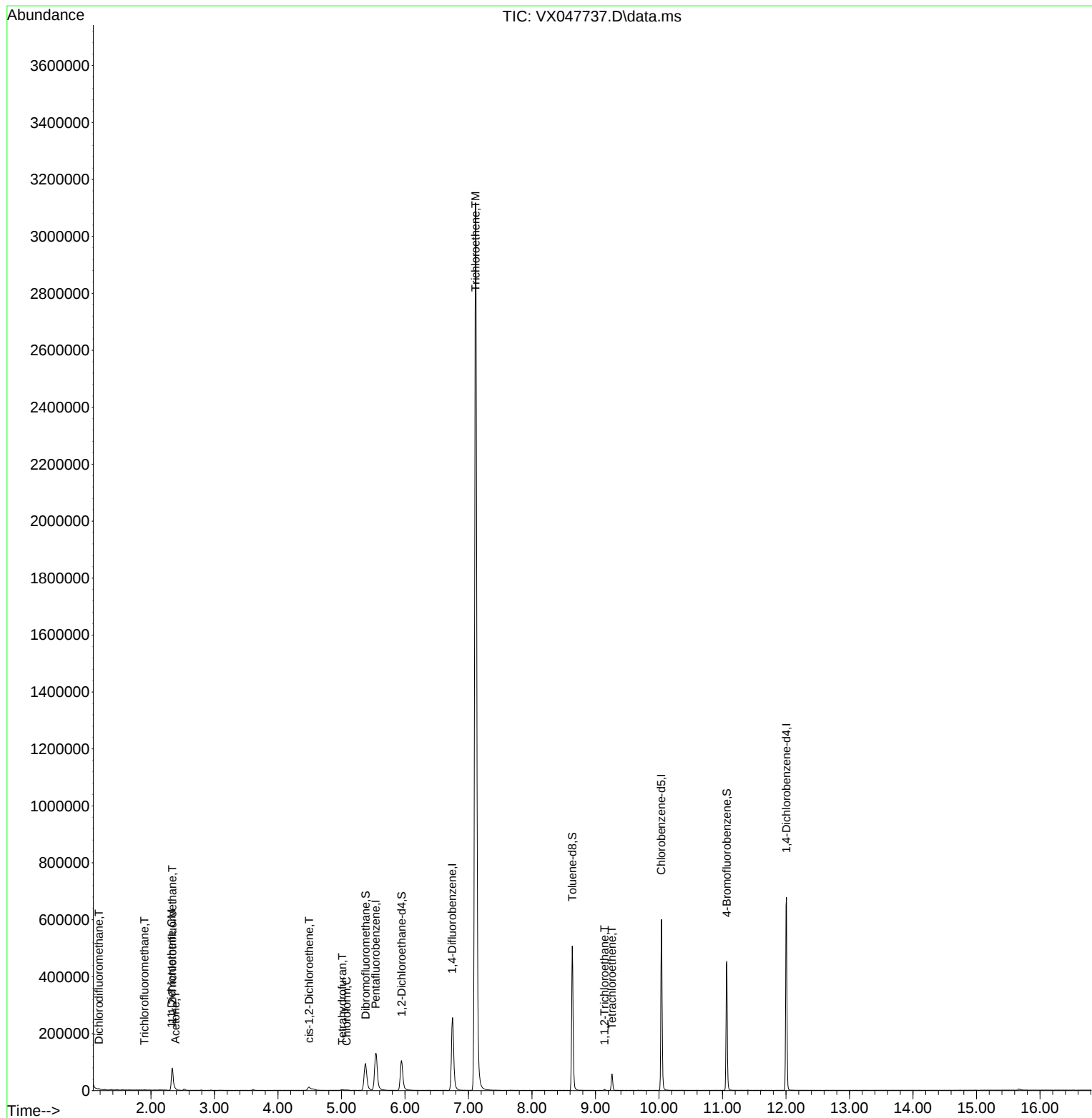
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
Data File : VX047737.D
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Sample : Q3097-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

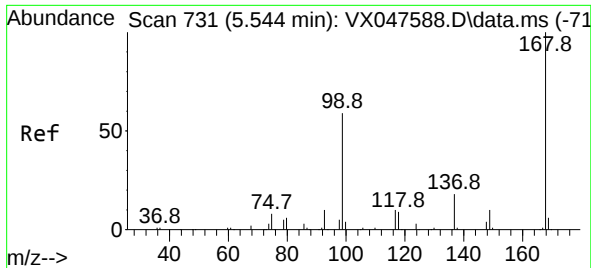
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20250912

Quant Time: Sep 24 01:35:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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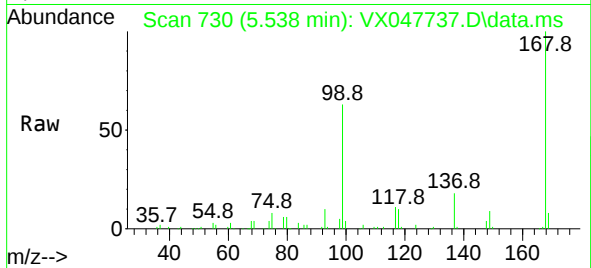
Reviewed By : John Carlone 09/24/2025
Supervised By : Mahesh Dadoda 09/26/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047737.D
Acq: 23 Sep 2025 16:34

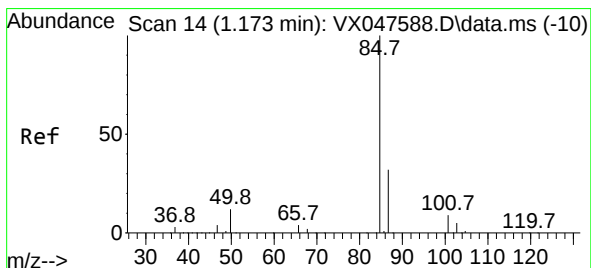
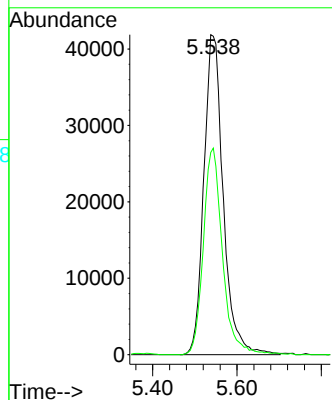
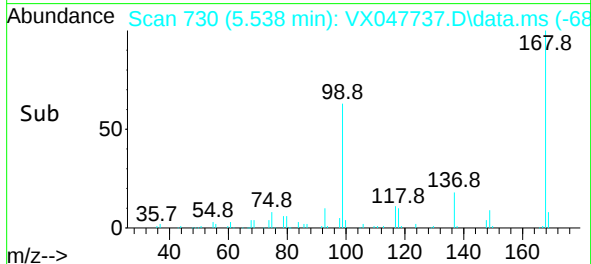
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20250912



Tgt Ion:168 Resp: 13376
Ion Ratio Lower Upper
168 100
99 63.2 48.8 73.2

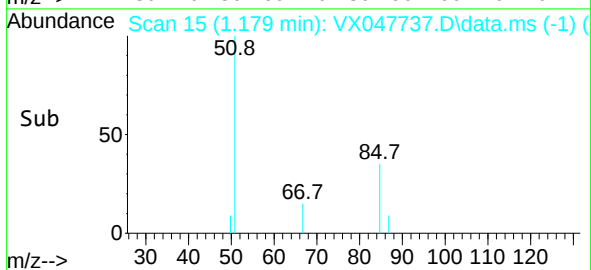
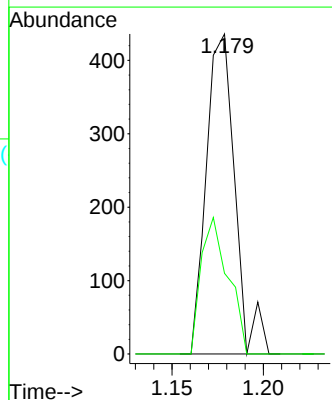
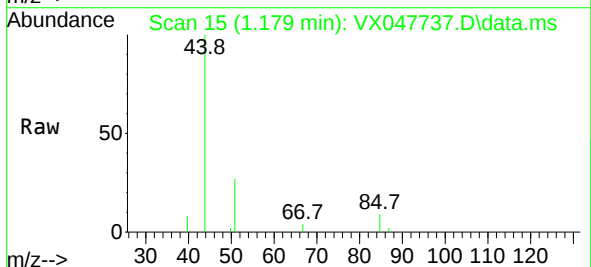
Manual Integrations
APPROVED

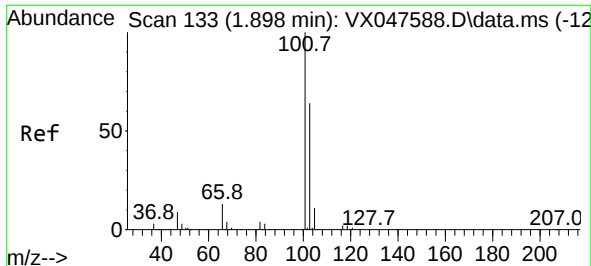
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#2
Dichlorodifluoromethane
Concen: 0.342 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047737.D
Acq: 23 Sep 2025 16:34

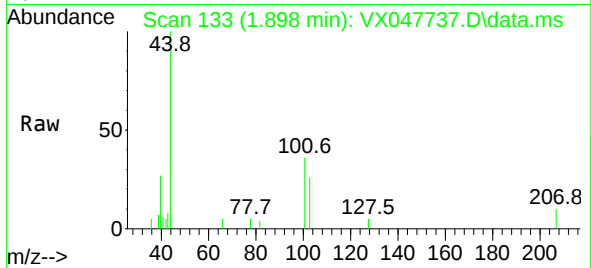
Tgt Ion: 85 Resp: 474
Ion Ratio Lower Upper
85 100
87 25.2 15.8 47.3





#7
 Trichlorofluoromethane
 Concen: 0.248 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047737.D
 Acq: 23 Sep 2025 16:34

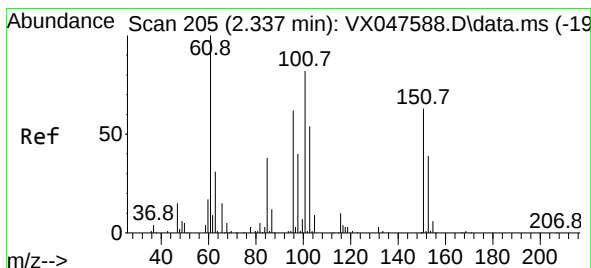
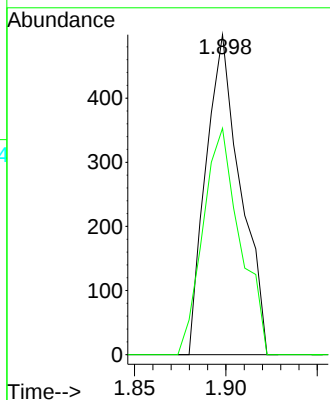
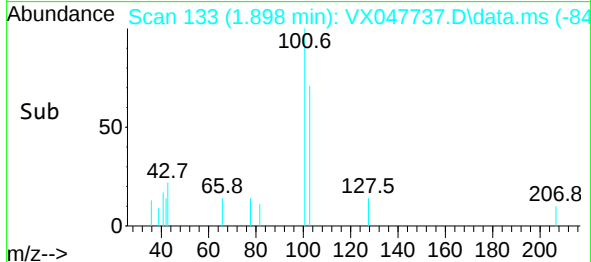
Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20250912



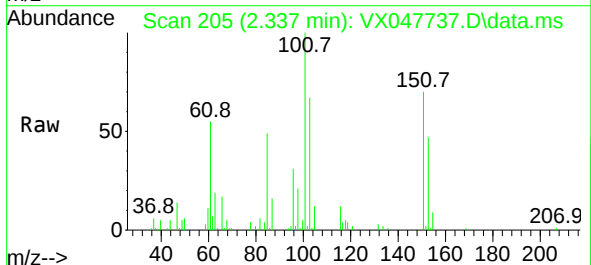
Tgt Ion:101 Resp: 65
 Ion Ratio Lower Upper
 101 100
 103 70.7 51.4 77.2

Manual Integrations
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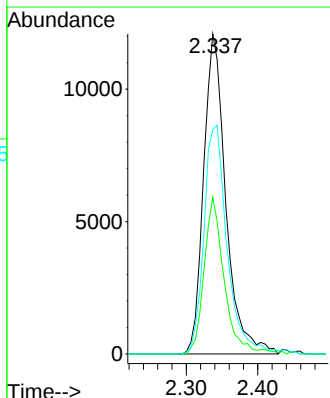
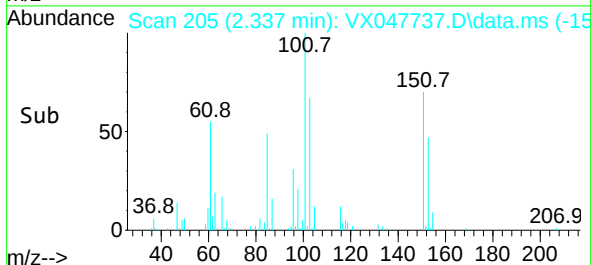
Reviewed By :John Carlone 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025

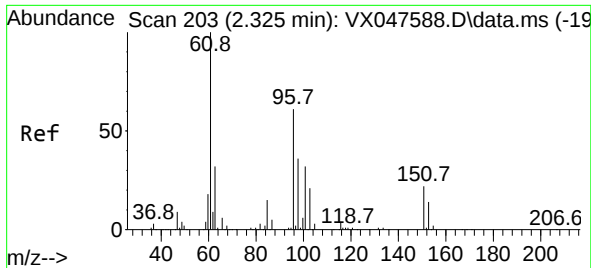


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 16.839 ug/l
 RT: 2.337 min Scan# 205
 Delta R.T. 0.000 min
 Lab File: VX047737.D
 Acq: 23 Sep 2025 16:34



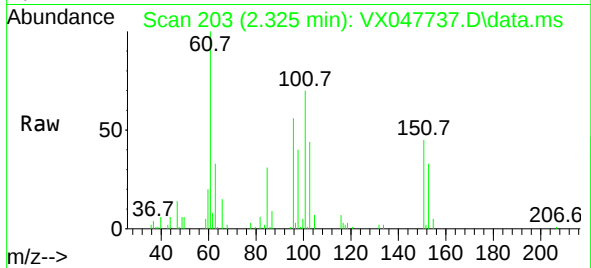
Tgt Ion:101 Resp: 26053
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.5 53.3
 151 75.5 59.4 89.0





#12
1,1-Dichloroethene
Concen: 6.933 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX047737.D
Acq: 23 Sep 2025 16:34

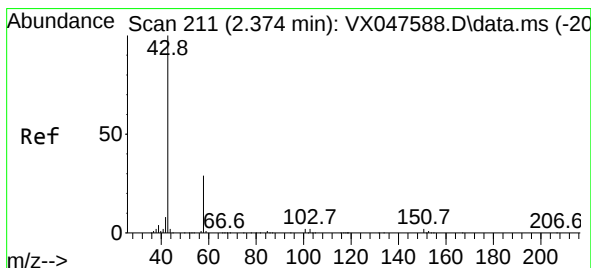
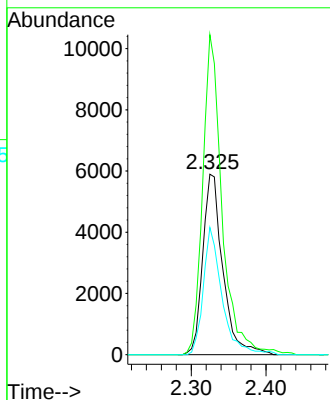
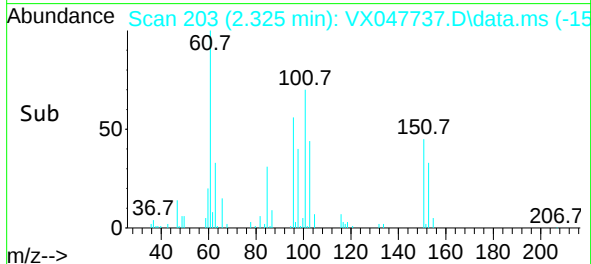
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20250912



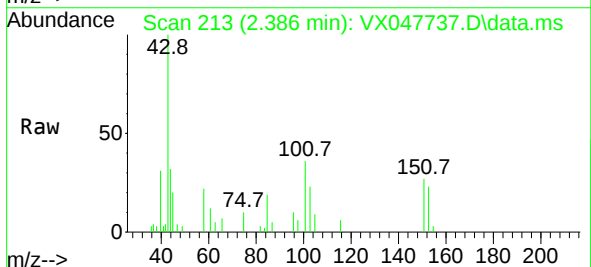
Tgt Ion: 96 Resp: 11018
Ion Ratio Lower Upper
96 100
61 169.0 131.0 196.6
98 67.2 47.7 71.5

Manual Integrations
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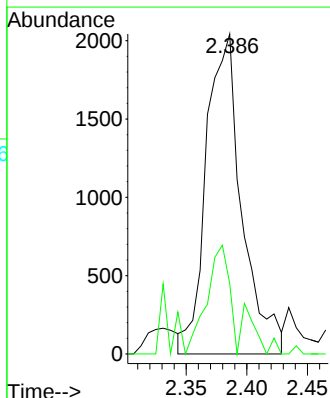
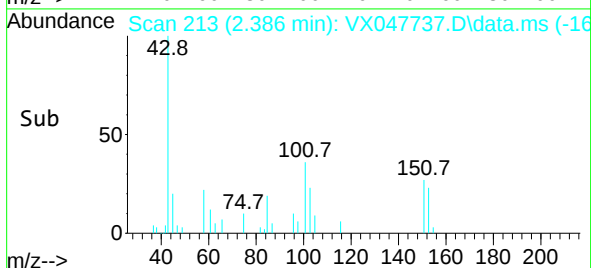
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

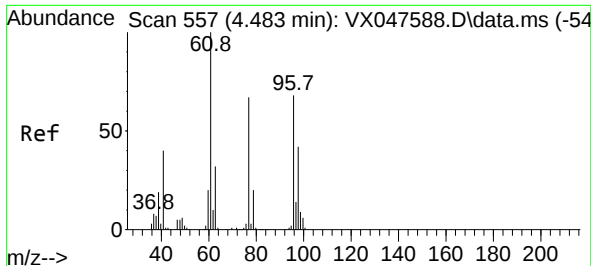


#16
Acetone
Concen: 4.501 ug/l m
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX047737.D
Acq: 23 Sep 2025 16:34



Tgt Ion: 43 Resp: 4167
Ion Ratio Lower Upper
43 100
58 22.1 23.4 35.0#





#27

cis-1,2-Dichloroethene

Concen: 4.035 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX047737.D

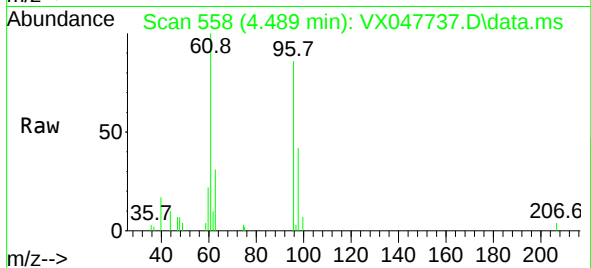
Acq: 23 Sep 2025 16:34

Instrument :

MSVOA_X

ClientSampleId :

RE120D1-20250912



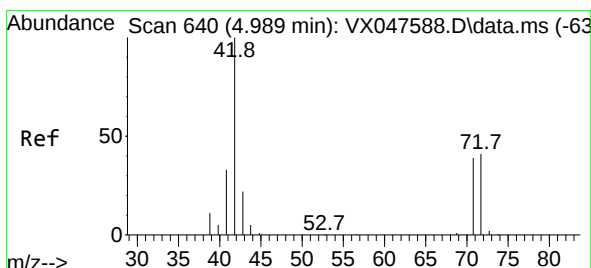
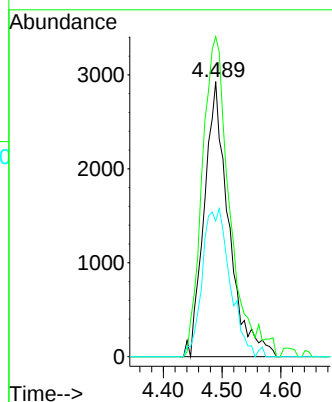
Tgt Ion:	96	Resp:	845
Ion	Ratio	Lower	Upper
96	100		
61	131.2	0.0	303.2
98	60.6	0.0	127.8

Manual Integrations

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Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#29

Tetrahydrofuran

Concen: 3.852 ug/l

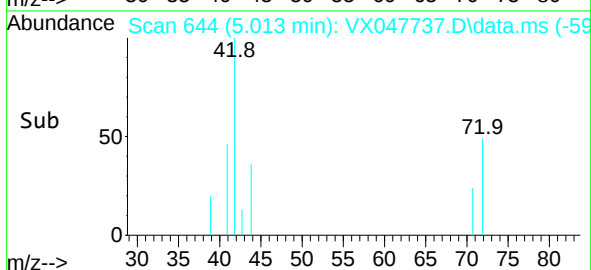
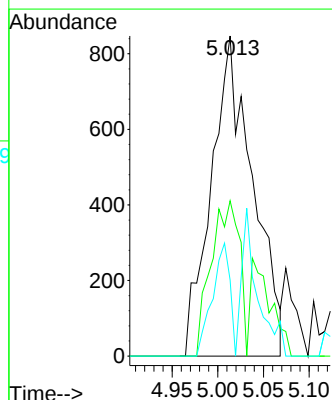
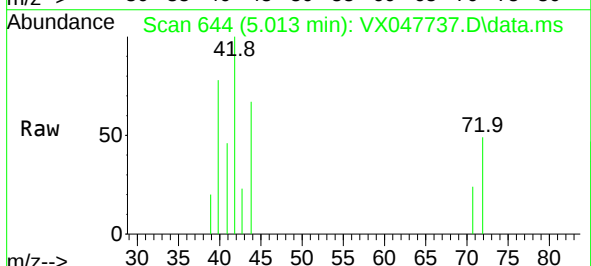
RT: 5.013 min Scan# 644

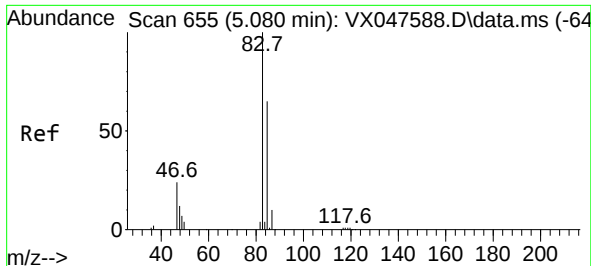
Delta R.T. 0.024 min

Lab File: VX047737.D

Acq: 23 Sep 2025 16:34

Tgt Ion:	42	Resp:	2676
Ion	Ratio	Lower	Upper
42	100		
72	33.2	34.2	51.2#
71	14.9	31.9	47.9#





#30

Chloroform

Concen: 0.511 ug/l

RT: 5.080 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX047737.D

Acq: 23 Sep 2025 16:34

Instrument :

MSVOA_X

ClientSampleId :

RE120D1-20250912

Tgt Ion: 83 Resp: 174

Ion Ratio Lower Upper

83 100

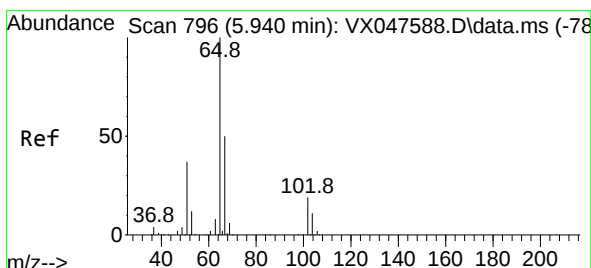
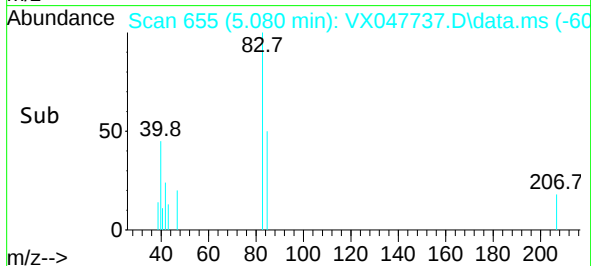
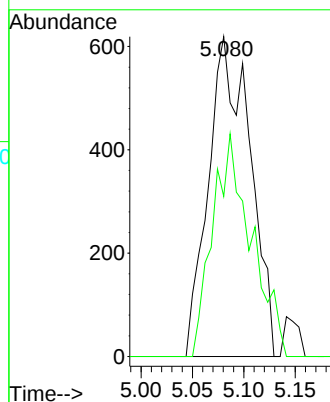
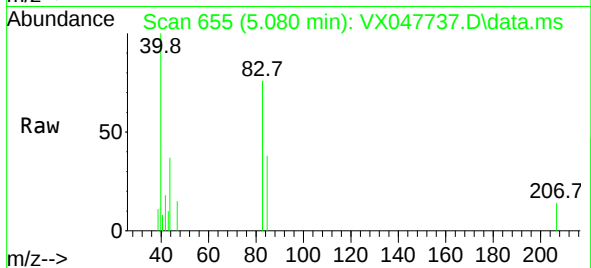
85 50.1 51.8 77.6

Manual Integrations

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Supervised By :Mahesh Dadoda 09/26/2025



#33

1,2-Dichloroethane-d4

Concen: 51.898 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX047737.D

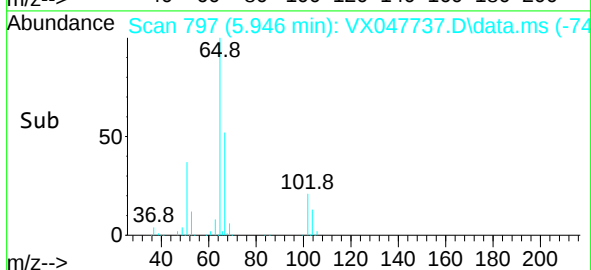
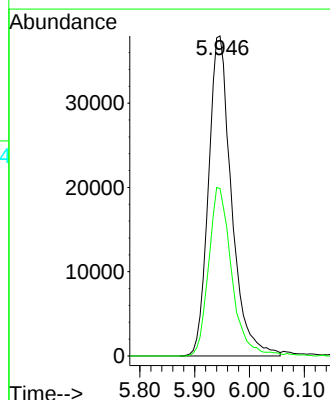
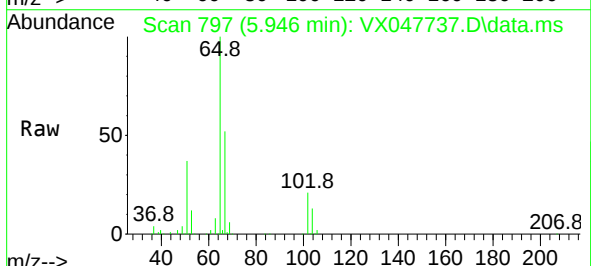
Acq: 23 Sep 2025 16:34

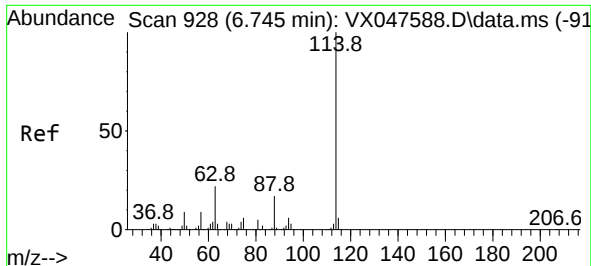
Tgt Ion: 65 Resp: 110502

Ion Ratio Lower Upper

65 100

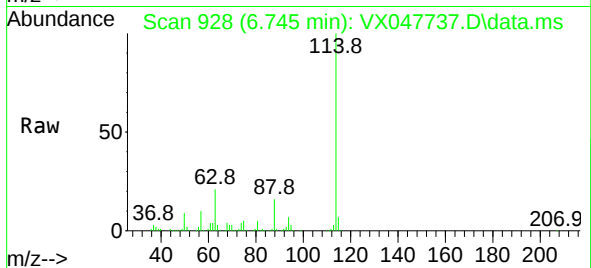
67 52.6 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX047737.D
Acq: 23 Sep 2025 16:34

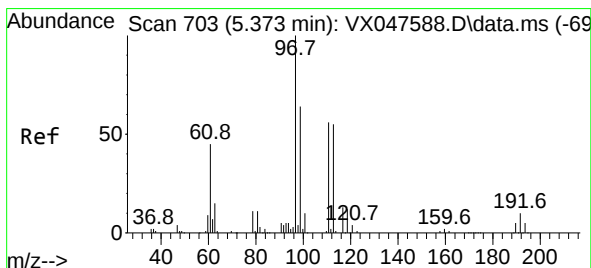
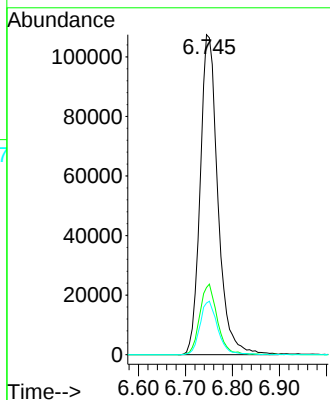
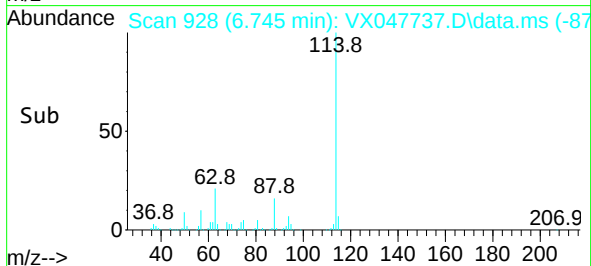
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20250912



Tgt Ion:114 Resp: 28179
Ion Ratio Lower Upper
114 100
63 21.0 0.0 44.0
88 16.1 0.0 34.2

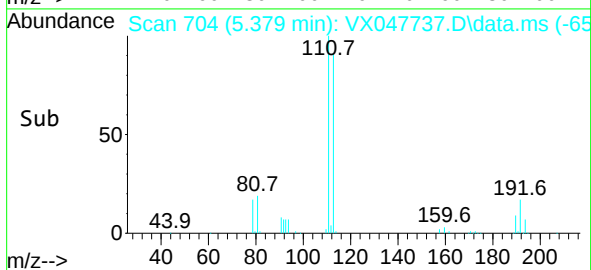
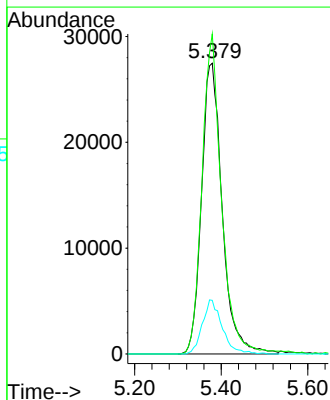
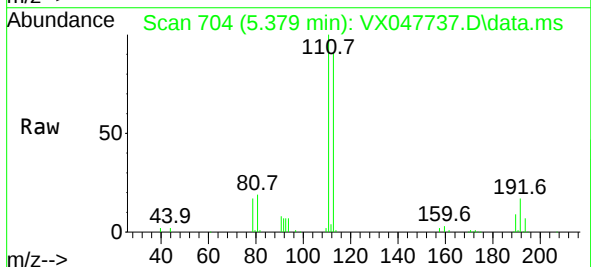
Manual Integrations
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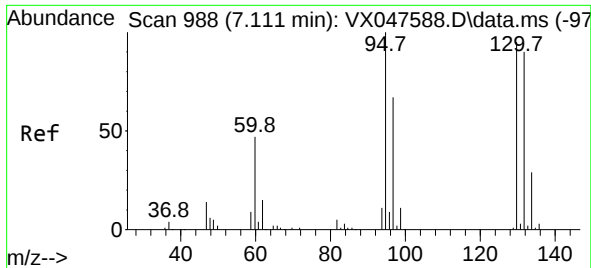
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#35
Dibromofluoromethane
Concen: 48.324 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047737.D
Acq: 23 Sep 2025 16:34

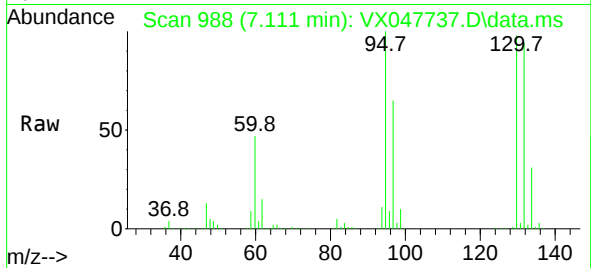
Tgt Ion:113 Resp: 91324
Ion Ratio Lower Upper
113 100
111 103.0 80.9 121.3
192 17.7 14.2 21.4





#44
Trichloroethene
Concen: 637.467 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX047737.D
Acq: 23 Sep 2025 16:34

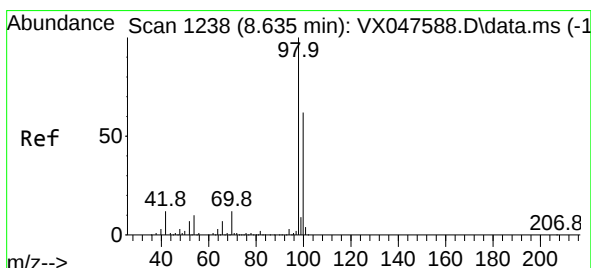
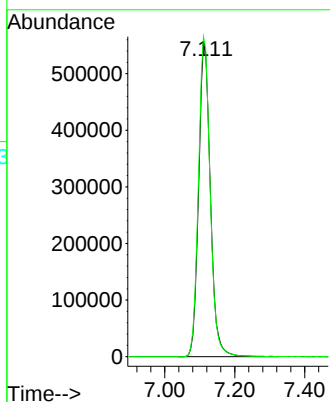
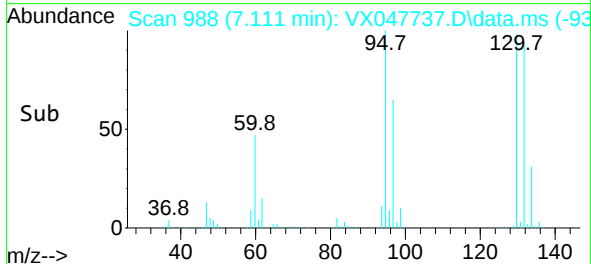
Instrument :
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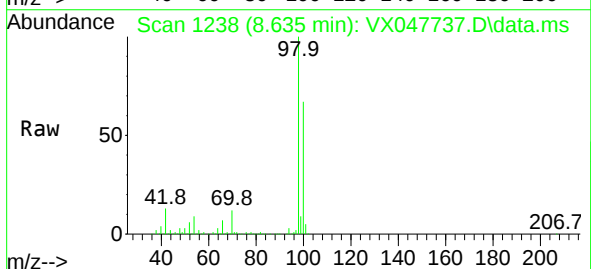
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Ion Ratio Lower Upper
130 100
95 101.7 0.0 210.8

Manual Integrations
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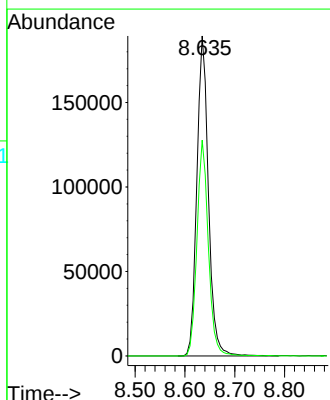
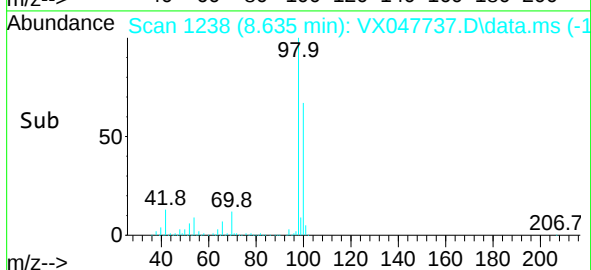
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

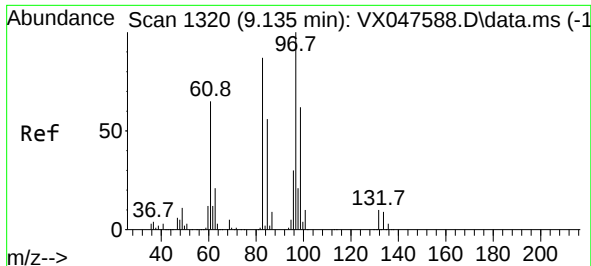


#50
Toluene-d8
Concen: 46.677 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX047737.D
Acq: 23 Sep 2025 16:34



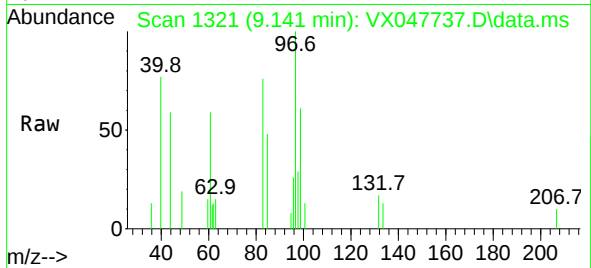
Tgt Ion: 98 Resp: 305233
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4





#55
1,1,2-Trichloroethane
Concen: 0.501 ug/l
RT: 9.141 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VX047737.D
Acq: 23 Sep 2025 16:34

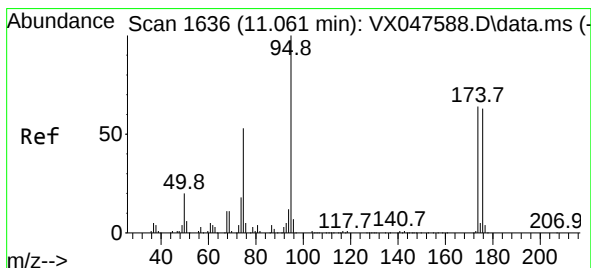
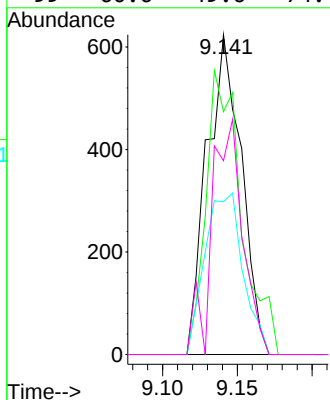
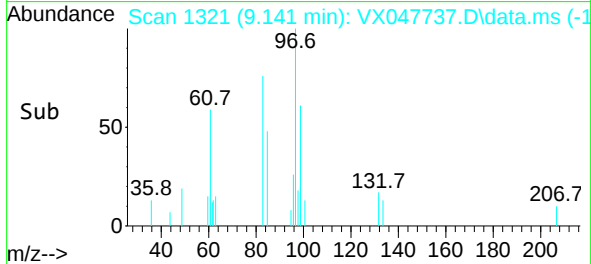
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20250912



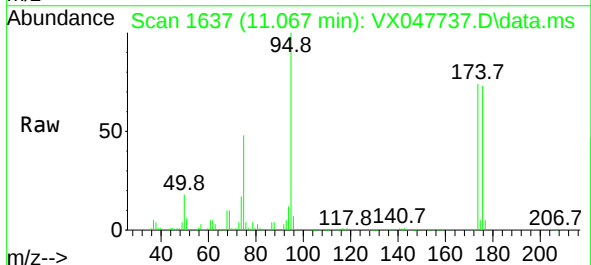
Tgt Ion	Ratio	Lower	Upper
97	100		
83	76.0	69.6	104.4
85	47.8	45.0	67.6
99	60.6	49.6	74.4

Manual Integrations
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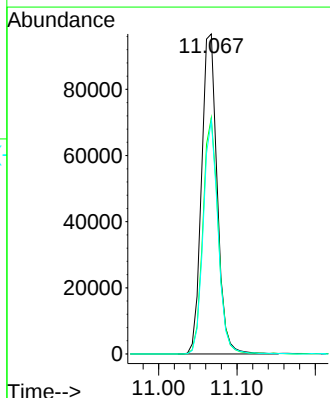
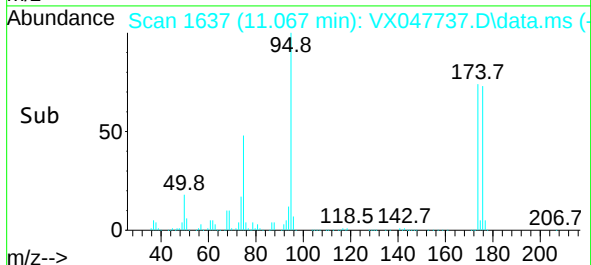
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

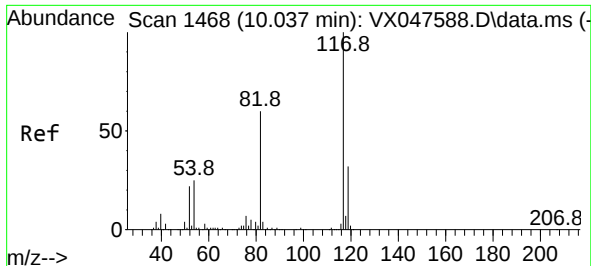


#62
4-Bromofluorobenzene
Concen: 53.946 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047737.D
Acq: 23 Sep 2025 16:34



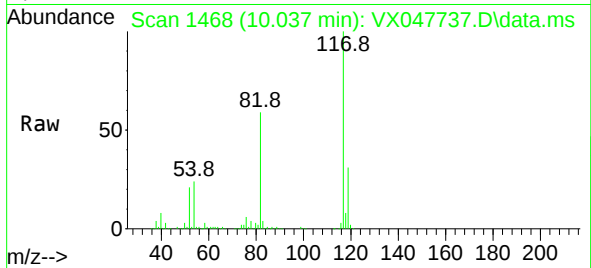
Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	141.6
176	69.5	0.0	138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX047737.D
Acq: 23 Sep 2025 16:34

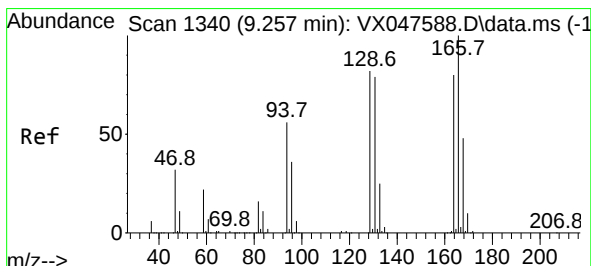
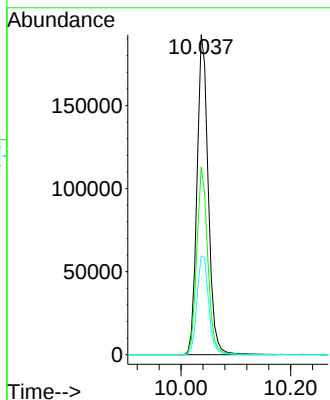
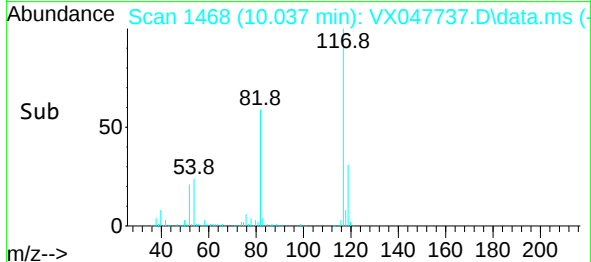
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20250912



Tgt Ion:117 Resp: 275514
Ion Ratio Lower Upper
117 100
82 58.7 47.8 71.6
119 30.8 25.2 37.8

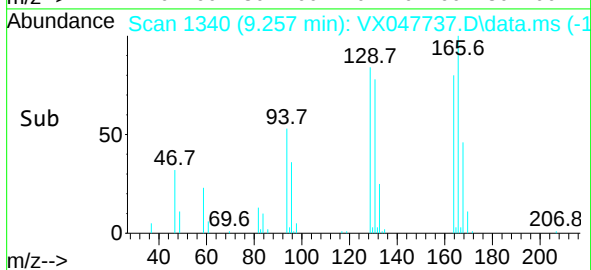
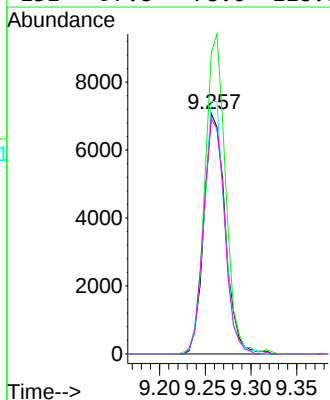
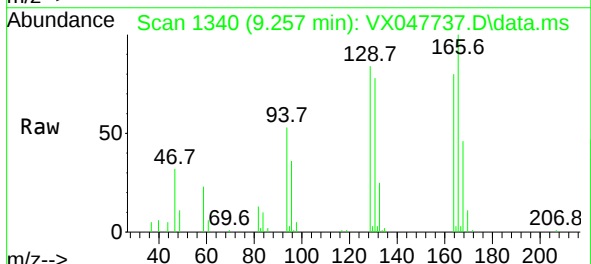
Manual Integrations
APPROVED

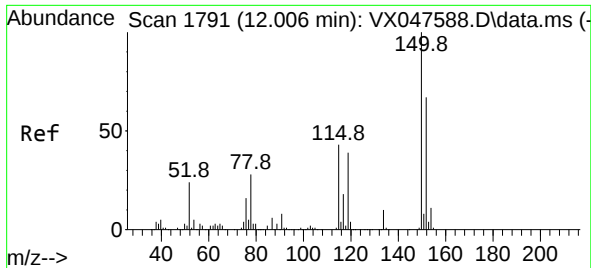
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#64
Tetrachloroethene
Concen: 6.385 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX047737.D
Acq: 23 Sep 2025 16:34

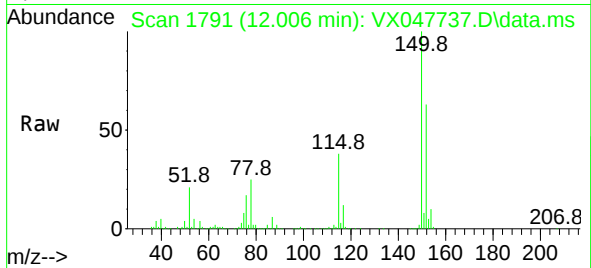
Tgt Ion:164 Resp: 11467
Ion Ratio Lower Upper
164 100
166 125.4 100.2 150.2
129 105.0 81.8 122.6
131 97.8 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047737.D
 Acq: 23 Sep 2025 16:34

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20250912



Tgt Ion:152 Resp: 141902
 Ion Ratio Lower Upper
 152 100
 115 62.7 44.9 134.5
 150 158.8 0.0 352.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025

